Silane, dimethyloctyloxyheptadecyloxy-

Inchi:	InChI=1S/C27H58O2Si/c1-5-7-9-11-13-14-15-16-17-18-19-20-21-23-25-27-29-30(3,4)28-
InchiKey:	HDMHXJAHWORRLY-UHFFFAOYSA-N
Formula:	C27H58O2Si
SMILES:	CCCCCCCCCCCCCCCCCO[Si](C)(C)OCCCCCCCC
Mol. weight [g/mol]:	442.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.93		Crippen Method
logp	9.953		Crippen Method
rinpol	2707.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U346754&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

https://www.chemeo.com/cid/37-849-9/Silane-dimethyloctyloxyheptadecyloxy.pdf

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